



VOLUME 60 ISSUE 5

May 2010



**It is now storm season consider becoming a SKYWARN weather spotter.**

## May Ham Breakfast

**May 1st**  
**Country Buffet**  
**801 North Academy Boulevard**  
(Citadel Crossing)  
8:00 am - 9:30 am

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## May Club Meeting

The club meeting will be on May 12th (second Wednesday in May, at 7 pm at Panera Bread on the NE corner of Powers and S. Carefree.

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## PPRAA Club Officers

<b>President</b>	<b>Doug Nielsen</b>	<b>N7LEM</b>
<b>Vice President</b>	<b>Mike Debort</b>	<b>KCØELG</b>
<b>Secretary</b>	<b>Dan Scott</b>	<b>WØRO</b>
<b>Treasurer</b>	<b>Pam Scott</b>	<b>KDØJRM</b>
<b>Board</b>	<b>Gordon Dixon</b>	<b>KDØFKF</b>
<b>Board</b>	<b>Dave Moore</b>	<b>KØDAM</b>
<b>Board</b>	<b>Tom Brereton</b>	<b>WØTOM</b>
<b>Board</b>	<b>Galen Steele</b>	<b>AGØA</b>
<b>Ø-Beat Editor</b>	<b>Mike Anderson</b>	<b>WV7T</b>

All officers can be contacted at:  
[boardmembers@ppraa.org](mailto:boardmembers@ppraa.org)

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## PPRAA Club Meeting

April 14, 2010

President Doug Nielsen N7LEM called the meeting to order at 7:00 PM at Panera Bread, followed by introductions around the room.  
Silent Keys: None.

**Minutes:** John Wishart moved and Mike Derbort seconded that the March meeting minutes be approved as published in the Zero Beat. Passed  
**Treasurer's Report:** Pam Scott reported that we had a \$8,311 total balance in our three accounts as of 31 March 2010.

**Fox hunting** – Dan, WØRO reported about this past weekend's fox hunt. We had 6 people attend, including Paul, NØAH and Anna, WØANT who came down from Littleton. Thanks to Steve, KV6O, for setting this up. If you're interested in attending next month, watch the reflector and website for more details.

**Field Day** – Monument fire station June 26-27. Antenna building May 15<sup>th</sup>. Focus on contesting, 3F category

Carl, KCØNPQ to do cooking. Hope to use all home built antennas and no commercial antennas.

**MegaFest 2010** – Need volunteers for forum coordinator, and talk-in coordinator. Additional door prizes are needed as well as someone to coordinate the activity. If you have contacts with anyone that could donate a door prize please feel free to ask for donations (oil change, food gift cards, etc.) Next meeting May 8<sup>th</sup> at Stetson Hills PD.

**Colorado QSO party** – fliers have been handed out, Dave NØEOP to take some to Dayton Hamvention

**Thursday Night Net** - Every Thursday night, 7PM, Doc's Glow Net on 28.390 MHz USB. See [www.ppra.org](http://www.ppra.org) for details. Modes are changed during the evening for experimentation purposes. AM 145.550, FM, and sideband modes are used. He has held 77 or 78 meetings thus far.

Dave, NØEOP, mentioned about 10 meters being open and various states he's worked this week.

Summer picnic in August along with a special event station – our 45<sup>th</sup> anniversary since we've been incorporated. Date/place not set yet. Watch the website/club meeting for more details.

**Contesting** – Rookie Roundup--voice on Sunday, April 18<sup>th</sup> 12:00pm – 6:00pm local time. Rookies contact rookies or non-rookies. Logging on Getscores.org Non-rookies are encouraged to help a rookie get on the air for this contest.

**Program** – Rob Roller, N7LV presented about ARES – thanks Rob!

**Next Club Meeting:** The next regular club meeting will be the second Wednesday, 7 PM, May 12<sup>th</sup> 2010, at Panera Bread on the NE corner of Powers and S. Carefree.

**Next Board Meeting:** 7 PM, Monday before club meeting, May 10<sup>th</sup> TBD  
The meeting was adjourned at  
Submitted by:

**Dan Scott WØRO**  
PPRAA Secretary  
4/29/2010

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## **PPRAA Board Meeting** *April 12, 2010*

President Doug Nielsen N7LEM called the meeting to order at 7:06 PM at Village Inn.

**Minutes:** March PPRAA board meeting minutes were approved.

**Treasurer's Report:** Pam Scott reported that we had \$8,311 total balance in our three accounts as of March 31, 2010.

### Committee Reports

**Field Day** - We are combining efforts with the Tri-Lakes Fire District amateur radio club and will be setting up at the Monument fire department's Station 1. Antenna Building is scheduled for May 15th. Parts for building the 20-meter Moxon are in. There is discussion about building 1 or 2 loop antennas 80-meters and/or 40-meters.

**COQP contest report** – Distribution of small flyers at ham fests went well. A packet of flyers has been made to send with Dave Sloan, NØEOP to hand out at the Dayton hamfest.

**MegaFest 2010** – Currently there have been many verbal agreements for presenting forums at the Megafest.

- We are working on getting final confirmations so we can start arranging forums and advertizing them as well.
- We need helpers such as people to coordinate a talk-in station, the PPFMA

146.97 system use has already been approved.

- We need door prizes. Ideally we need someone in charge of collecting door prizes.

**WACCO** – This looks to be on track for introduction at the Megafest.

**New Business.** Picnic coming up. Should we do a 45<sup>th</sup> anniversary special event station at the picnic? It has been 45 years since PPRAA was first incorporated under the current name.

**Next Club Meeting:** The next regular club meeting will May 12<sup>th</sup>, the second Wednesday, at 7 PM.

**Next Board Meeting:** 7 PM, Monday, May 10th, at the TBD.

Submitted by:

**Dan Scott WØRO**  
PPRAA Secretary  
April 23, 2010

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## **Technical Education**



**Mike Anderson, WV7T**  
[wv7t@arrl.net](mailto:wv7t@arrl.net)  
719-229-8610

***The new Technician License  
question pool exams will begin  
July 1<sup>st</sup> 2010.***

**License and code tutoring. Electronic theory.  
Technical instruction upon request.**

**Need help getting your ticket or upgrading, give  
Mike a call.**

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**THIS SUMMER WORKSHOPS WILL BE AVAILABLE ON SOLDERING, ASSEMBLING, BUILDING STATION ACCESSORIES, AND OTHER TOPICS. IF YOU ARE INTERESTED E-MAIL TO [wv7t@arrl.net](mailto:wv7t@arrl.net).**

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### QST ---- QST ---- QST ---- QST de NØEOP

It is with a very sad heart that I write this article. I am moving to Richmond, IN. on 23 April. I will be living with my sister and helping her pay the bills. Maybe with my Army retirement, my SSN and her pay check we will be able to pay all of the bills. The Army assigned me to Ft. Carson in August 1980 (WOW Thirty Years). Since that time I have enjoyed a lot of events and meetings with the PPRAA. I have also had the opportunity to meet and make a lot of very good hams. I remember having organizational meetings at Rosie and Russ's. Some of them I have participated in Public Service events such as the Hill Climb. Some of the club members I also know from ARES and El Paso County RACES. Summer picnics have always been very enjoyable (I could do my 2 favorite things: Operate Ham Radio and EAT). If anyone had ever told me that I would be eating BBQ at Dirty Woman Park, I don't think that I would have believed them. Field days were also another favorite activity of mine. I enjoy working any event (contest) that allows me to compete with others. Contesting has always had a spot in my heart. Starting the Colorado QSO Party with WØEM Jim was a lot of fun. Operating in it was even more fun. The MEGAFEST has always taken priority when I am in the area (wonder how many raffle tickets I have bought over thirty years?). I fondly remember being the net control (some time we would have over 100 check-ins) on Sunday afternoons for the Pikes Peak Chapter of 10-10 International, this would have been around 1984. We used to have regular check-ins from as far away as Australia and New Zealand. I never made a trip up on top of Pikes Peak with Doc and others to operate and give bonus points. Thanks to all that have given presentations at the club meeting (I have enjoyed each and every one of them). Zero Beat editors and contributors, THANKS. I have had the opportunity since I was first licensed in 1960 to read a lot of club's newsletters. ZERO Beat is the best that I have ever read!

When I get to Richmond, IN. I plan on being very active with the local ham club. Maybe I'll even be able to start some of the great things that you all have allowed me to

participate in here. I plan on keeping my membership and from time to time I might drop an article to be included in Zero Beat as to how I am doing. I plan on using the CMRG IRLP on 147.345 to talk with folks in this area. I will be getting some wire in the air so that I can operate HF and hope that I can have the good luck to work many of you on the bands. I will continue to participate in contests as often as I can, so listen for a weak signal from Indiana. I will give the Colorado QSO Party a try every year and hope to hear some of you on the air. I will always be checking for openings on 10 meters. My favorite band.

If any of you ever get out east and are near Richmond, IN (it is right on I-70 and the Indiana - Ohio line), please contact me. I will only be about 35 miles from the Dayton Hamvention. Once I get back there I'll be monitoring most of the local repeaters. Or you can give me a call at 765-935-9611 or 719-641-1863. It would be GREAT to see you and I am always good for at least a cup of coffee!

TNX for all of the GOOD times & 73,  
Dave NØEOP  
31033

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### De NØEOP CONTESTING

Hello all,

In the recent past I have been promoting contesting to everyone. I enjoy contesting and the more hams that join in on the fun, the more fun I can have.

Contesting is not everything. Some folks might like the challenge of earning the WAS (Worked All States) award. Some might prefer the challenge of working DX (Distant Stations) and would like to earn the DXCC (have to work 100 countries) award. You can earn this all on your own. Or, by working contests you can work a lot of the stations that you might not hear normally. Another way to earn these awards would be to check into the various nets. One of the oldest and one that will assist you in obtaining your goals is the 3905 Century Club Nets. They run nets on various frequencies, at different times of the day and evening, and even in the various modes (SSB, CW, PSK, and RTTY). The main object of the nets is to assist those that check in to earn the various awards that are available.

3905 Century Club Nets - The 3905 Century Club (founded in 1977) now officially accepts eQSL's towards their awards programs! Some members of the Century Club may not accept eQSL's or be able to do so. Each individual member can make his own choice. Join us on the 3905 Century Club Nets!

<http://www.3905ccn.com/newsite/index.htm>



Time Day Time Day Freq Net Net

Coord Remarks

SSB Nets

23:30 Daily 5:30 pm Daily 7.178 40m Early K3QX  
02:00 Daily 8:00 pm Daily 3.902 75m Early WB5FDP  
02:00 Daily 8:00 pm Daily 1.892 160m Early WK7K  
04:00 Daily 10:00 pm Daily 7.2335 40m Late W6EST Alt  
freq 7.178  
05:00 Daily 11:00 pm Daily 3.903 75m Late K7MI Alt  
freqs 3.897 or 3.895  
05:00 Daily 11:00 pm Daily 1.892 160m Late K2CV

For most of the awards that are available you must confirm the contact before it will be accepted towards the award. The old way of doing this was to send a QSL card through the mail and then hope to receive one back. This method is still used by a lot of hams. The problem with doing it this way is it can get expensive. First you must buy your QSL cards (or print them your self). Then you must pay the postage to send the cards. You never get one back you every one you send. So, just to confirm al 50 states for your WAS award can get expensive. When you start trying to get DX cards the sot goes way up. You can now use either LOTW or eQsl for most of the awards. You can learn about both of these programs by going to:

<http://www.eqsl.net>

<http://www.arrl.org/lotw/>

There are a lot of club members that use either eQsl or LOTW or both and would be more than willing to help someone get these programs configured. Just send an email to the mail list or ask at a club meeting.

TNX & 73,  
Dave NØEOP  
31033

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## Megafest Planning Meeting

Next planning meeting is scheduled for May 8th. All planning meetings are scheduled for Noon, the 2nd Saturday of each month. The location is the Colorado Springs Police Department, Stetson Hills. This is where the PPRAA board meetings are held and relatively close to our normal meeting location at Panera Bread.

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## MAY CONTESTS

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## May 2010

**Araucaria VHF Contest** 0000Z, May 1 to 1600Z, May 2  
**MARAC SSB QSO Party** 0000Z, May 1 to 2359Z, May 2  
**MARAC CW QSO Party** 0000Z, May 1 to 2359Z, May 2  
**10-10 Int. Spring Contest**, Digital 0001Z, May 1 to 2359Z, May 2  
**SBMS 2 GHz and Up WW Club Contest** 0600 local, May 1 to 2000 local, May 2  
**Microwave Spring Sprint** 0600-1300 local, May 1  
**7th Call Area QSO Party** 1300Z, May 1 to 0700Z, May 2  
**AGCW QRP/QRP Party** 1300Z-1900Z, May 1  
**Indiana QSO Party** 1600Z, May 1 to 0400Z, May 2  
**ARI International DX Contest** 2000Z, May 1 to 1959Z, May 2  
**New England QSO Party** 2000Z, May 1 to 0500Z, May 2 and 1300Z-2400Z, May 2  
**RSGB 80m Club Championship**, SSB 1900Z-2030Z, May 3  
**ARS Spartan Sprint** 0100Z-0300Z, May 4  
**MIE 33 Contest** 1100Z-1500Z, May 4 and 2300Z, May 4 to 0300Z, May 5  
**NCCC Sprint Ladder** 0230Z-0300Z, May 7  
**VK/Trans-Tasman 80m Contest**, Phone0800Z-1400Z, May 8 ± EUCW Fraternizing CW QSO Party1000Z-1200Z, May 8 and 1800Z-2000Z, May 9  
**VOLTA WW RTTY Contest**1200Z, May 8 to 1200Z, May 9  
**CQ-M International DX Contest** 1200Z, May 8 to 1159Z, May 9  
**Portuguese Navy Day Contest**1500Z, May 8 to 1500Z, May 9  
**FISTS Spring Sprint** 1700Z-2100Z, May 8  
**Nevada Mustang Roundup** 1700Z, May 8 to 1700Z, May 9  
**50 MHz Spring Sprint** 2300Z, May 8 to 0300Z, May 9  
**SKCC Weekend Sprint** 0000Z-2400Z, May 9  
**CWops Mini-CWT Test** 1100Z-1200Z, May 12 and 1900Z-2000Z, May 12 and 0300Z-0400Z, May 13  
**RSGB 80m Club Championship**, Data 1900Z-2030Z, May 12  
**QRP Minimal Art Session** 1900Z-2300Z, May 13 ±  
**His Maj. King of Spain Contest**, CW 1200Z, May 15 to 1200Z, May 16

**Feld Hell Sprint** 1600Z-1800Z, May 15 and 2000Z-2200Z, May 15  
**WAB LF Phone** 1000Z-1400Z, May 16  
**Run for the Bacon QRP Contest** 0100Z-0300Z, May 17  
**NAQCC Straight Key/Bug Sprint** 0030Z-0230Z, May 20  
**RSGB 80m Club Championship**, CW 1900Z-2030Z, May 20  
**NCCC Sprint Ladder** 0230Z-0300Z, May 21  
**Slobozhansky Sprint Contest** 1800Z-1959Z, May 21 (SSB) and 2000Z-2059Z, May 21 (CW)  
**UN DX Contest** 1200Z, May 22 to 1200Z, May 23  
**EU PSK DX Contest** 1200Z, May 22 to 1200Z, May 23  
**Manchester Mineira All America** CW contest 1500Z, May 22 to 2359Z, May 23  
**Baltic Contest** 2100Z, May 22 to 0200Z, May 23  
**SKCC Sprint** 0000Z-0200Z, May 26  
**NCCC Sprint Ladder** 0230Z-0300Z, May 28  
**CQ WW WPX Contest**, CW 0000Z, May 29 to 2359Z, May 30  
**ARCI Hootowl Sprint** 2000 local - 2400 local, May 30  
**MI QRP Memorial Day** CW Sprint 2300Z, May 31 to 0300Z, Jun

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## Thursday Evening Net

Please join us for the Thursday Night 10-meter net. We meet at 7:00 PM (Local) on or near 28.390 USB.

The goal of the net is for Technicians through Extra class operators to enjoy a weekly on-the-air chat, and experiment with various transmission modes. The outcome of the net has been a surprise to new old old-timers alike, we have all come away with a better understanding of our radios, filter usage, mic gain, transmission line, ...etc.

This is a perfect net for an introduction to HF and/or SSB too. The net is informal, just jump in with your call and net control will get you on the list. One thing that is (almost) always is giving a description of your rig, antenna system and approximate location.

Technicians remain operating SSB as do other class operators with SSB only radios. If you are restricted to SSB do not let that bother you as we take that into account even as we jump between modes (AM, FM, DSB, LSB).

Hope to hear you Thursdays on the net!

73s

Dan WØRO



## MARC MAY VE SESSION

The Mountain Amateur Radio Club VE Team will be conducting a VE session at 10 am on Saturday, May 1st, in the Community Meeting Room of the Woodland Park Library, 218 East Midland Avenue. The MARC VE Team is affiliated with the ARRL/VEC and examinations for all classes of license will be offered.

Full information, including driving directions to the Woodland Park Library, is available under "VE Sessions" on the MARC website at <http://www.nx0g.org/ve.html> or contact Wes Wilson (KØHBZ) at [k0hbx@arrl.net](mailto:k0hbx@arrl.net) or call (719) 687-8758.

If attending, please BE SURE to bring the following items to the session:

1. A valid **PHOTO ID**, driver's license preferred (if you do not have a valid photo ID, please call for alternative identification requirements).
  2. Your **SOCIAL SECURITY NUMBER** (now required – this includes children).
  3. Your **ORIGINAL** amateur radio license (if any) **AND** a **PHOTOCOPY** for the VE Team to keep.
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4. The ORIGINAL of any relevant CSCEs you may have AND a PHOTOCOPY for the VE Team to keep.

5. Cash, Check or Money Order for \$15 (standard ARRL VE Fee). Checks and money orders should be made out to MARC and cover all different exams you wish to take at the VE session.

MARC VE Team policy, as with many VE Teams, is to not allow same day retests on failed exams.

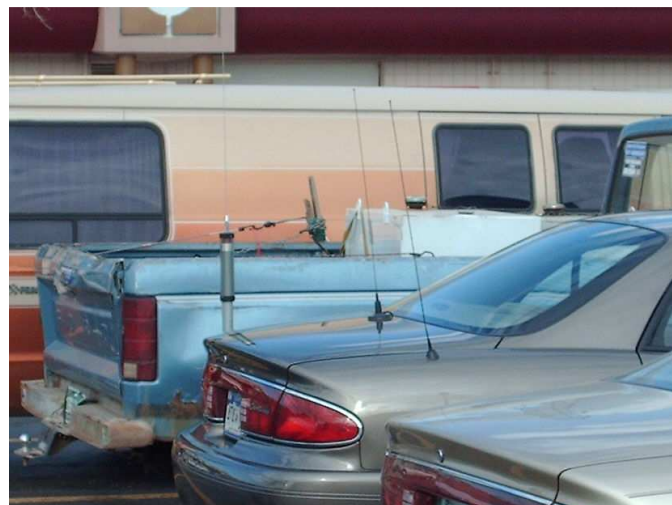
For already licensed hams, MARC members should be monitoring the MARC repeater system 146.820- or 448.650- (both 107.2 Hz) if you need help with talk-in.

73 Wes KØHBZ

## Dits and Bits

### For Sale or Wanted

Have something to sell or trying to find something or just want to see something get to a good home? Send it in to [wv7t@arrl.net](mailto:wv7t@arrl.net) and see it in Dits and Bits.



Do you see the Woof Hong on the truck?

## Colorado QSO Party!

1200Z September 4—0400Z September 5, 2010

Join other stations on the air *Saturday, September 4th* and work to contact hams in Colorado's 64 counties! Operate CW, Phone, Digital, or any combination on all HF contesting bands, VHF, and UHF. Mark your calendars now and join us on the air in September!

Details at:  
[www.ppraa.org/coqp](http://www.ppraa.org/coqp)

- Rules
- Logging Software
- Award Categories
- County Activation Plans
- Latest News





Pikes Peak Radio Amateur Association, Inc.

# PPRAA HAM RADIO MEGAFEST

➡ Saturday, July 17<sup>th</sup>, 2010 ⬅

8 AM to 1 PM Lewis-Palmer High School  
1300 Higby Rd., Monument, CO 80132; East of I-25, Exit 158 or 161  
Vendor Setup at 6 AM — Ticket Sales Open at 7:30 AM  
Talk In: 146.970 MHz (-) 100 Hz Tone

### HAM RADIO RAFFLE!

One Raffle Ticket Included with Admission  
Additional Tickets: \$1 Each, 6 for \$5, 15 for \$10, 40 for \$20  
Drawing at Noon, July 17th, 2010.  
Raffle prize winners need not be present to win.

**Elecraft K3-100**  
HF/50MHz All-Mode Transceiver w/DSP

**Flex-Radio SDR-3000**  
HF/50MHz All-Mode Transceiver w/DSP, Automatic Antenna Tuner

**Icom ID-880H**  
D-STAR 144/440MHz Digital/FM Mobile

 Generously donated by the Cheyenne Mountain Repeater Group, Inc.

**Icom IC-92AD**  
D-STAR 144/440 MHz Digital/FM 5W HT

Raffle License #2010-02023  
Pikes Peak Radio Amateur Association, Inc.  
P. O. Box 18521 Colorado Springs, CO 80905

### Scheduled Activities:

- License Testing at 10 AM
- Forums
- Hourly Door Prizes
- Final door prize at 11:30 Yaesu VX-3R HT
- Door prize winners must be present to win

### 6-foot Table Rentals Available

See registration form on back  
\$12 in Advance—\$17 day of Megafest  
Rental Does NOT include Admission  
One chair provided with each table

Packets will be ready at the door at 6:00 AM.  
No Friday night setup available.  
Advance registrations must be received by July 10

For latest info: [www.ppraa.org](http://www.ppraa.org)





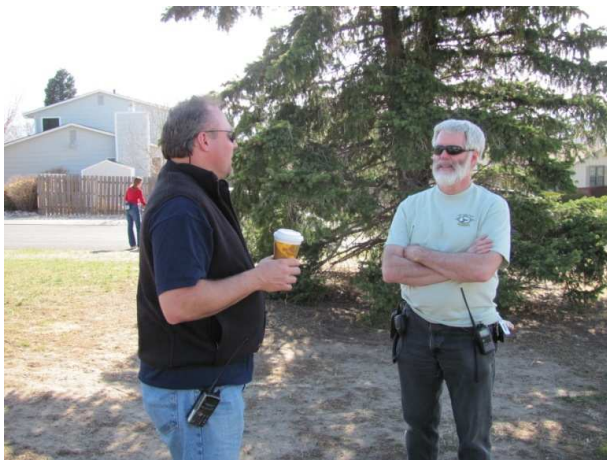


**Volunteer as a Skywarn  
Weather Spotter.**

## **Fox Hunting**



**The Fox**



**Steve KV6O and Dan WØRO  
Visiting**



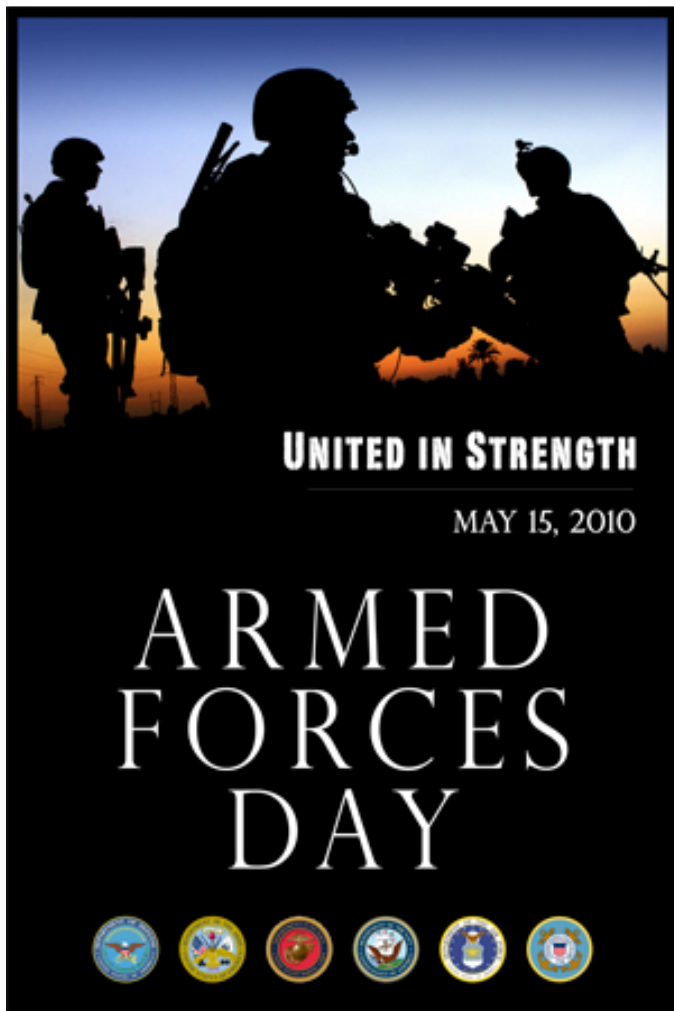
**Anna WØANT and Paul  
NØAH**



**Anna WØANT and Pam  
WØPRS**

**Thanks to WØPRS for pictures**





## Armed Forces Day

### ANNUAL ARMED FORCES DAY 09 MAY 2009

The Army, Air Force, Navy, Marine Corps, and Coast Guard are co-sponsoring the annual military/amateur radio communications tests in celebration of the 59th Anniversary of Armed Forces Day (AFD). Although the actual Armed Forces Day is celebrated on Saturday, May 16, 2009, the AFD Military/Amateur Crossband Communications Test will be conducted 09 May 2009 to prevent conflict with the Dayton Hamvention (15-17 May 2009), which is the same weekend as the actual Armed Forces Day. The annual celebration features

traditional military to amateur cross band communications SSB voice tests and copying the Secretary of Defense message via digital modes. These tests give Amateur Radio operators and Short Wave Listeners (SWL) an opportunity to demonstrate their individual technical skills, and to receive recognition from the Secretary of Defense and/or the appropriate military radio station for their proven expertise. QSL cards will be provided to those stations making contact with the military stations. Special commemorative certificates will be awarded to anyone who receives and copies the digital Armed Forces Day message from the Secretary of Defense.

#### MILITARY-TO-AMATEUR CROSS BAND SSB & CW TEST CONTACTS.

Military-to-Amateur cross band operations will take place on the dates/times in ZULU (UTC), and frequencies listed below for each station. Voice contacts will include operations in single sideband voice (SSB). Some stations may not operate the entire period, depending on propagation and manning. Participating military stations will transmit on selected Military MARS frequencies and listen for amateur radio stations in the Amateur bands indicated below. The military station operator will announce the specific amateur band frequency being monitored. Duration of each voice contact should be limited to 1-2 minutes. The following stations will be transmitting on MARS frequencies listed below which are provided as "Window/Dial Frequency" in kHz.

Some stations will use CW to provide the opportunity to check in by Morse Code

#### Army Stations

STATION: AAZ

**(09 May 1400Z - 10 May 0300Z)**

#### Frequency Emission Amateur Band

4038.9 kHz LSB 80M  
6913.0 kHz LSB 40M  
14.402.0 kHz USB 20M  
13996.0 kHz USB 20M  
18211.0 kHz USB 17M  
7577.0 kHz CW 40M  
13507.0kHz CW 20M  
7639.5 kHz RTTY 40M  
13512.5 kHz MT-63 20M

Location: Fort Huachuca, AZ

Address:

Commander NETCOM/9th ASC

ATTN: NETCOM-OPE-M (MARS) (31)  
2133 Cushing Street  
Ft. Huachuca, AZ 85616-7070  
POC: Mr. Dewayne Smith  
DSN: 821-7324  
Commercial: (520) 533-7324

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## Megafest 2010 is just round the corner!

Please plan on attending Megafest 2010, July 17<sup>th</sup>. Vendor setup begins at 6:00AM with doors opening to the public at 8:00AM.

As in the past there will be plenty of items for sale, people to catch an eye-ball QSO with, food, door prizes, forums, and great raffle prizes.

Talking about raffle prizes, we feel we have a great prize lineup:

- Elecraft K3 with 100 watts
- Flex Radio SDR-3000, 100 watts, auto tuner, all mode
- Icom ID-880H DSTAR dual band mobile (donated by CMRG)
- Icom IC-92AD DSTAR dual band HT

Tickets are on sale during the PPRAA monthly meetings or by contacting Doug, N7LEM or Dan, WØRO or Pam Scott, WØPRS. If you want to sell tickets at another function you are attending, in Colorado, we will gladly get you a stack of tickets.

Forums will be presented by the NA0TC-285 TechConnect Radio Club, PPRAA, EOSS, and others.

You don't want to miss this year's Megafest! If you have not already done so, mark your calendars today!

73,  
Dan – WØRO

## Megafest 2010 needs your help!

Megafest 2010 is July 17, less than 3 short months away!

Immediate needs (just to stop my worrying):

- Talk-In coordinator, or at least 2 or 3 people volunteering to help direct people to the Megafest location.
- Door Prize coordinator or a group of folks willing to canvas local area stores and restaurants for discounts and giveaways.
- Net announcer. I need volunteers that are active in local nets as well as the nets on the wider coverage linked repeater systems. Locally, most nets operate on the PPFMA 146.97 which I can not access from my location.

For forums, there is a possibility of 3 or 4 rooms running forums running from 9 am -12 pm. This will require getting 3 additional LCD/DLP computer projectors for the various presenters as PPRAA only owns one. If you have access to a projector please see if we can use it for the Megafest.

Table setup will be Friday the 16<sup>th</sup> from 4:00 PM until 6:00 PM, please mark you calendars with this date and time. After setup we will head to some health food place... or better yet, how about pizza?

On Megafest day we need a lot of people to help out. Send an email to me if you can just help in general. I will have some position signup sheets at the PPRAA meeting. Positions include helping to man the vendor door, admission sales, raffle ticket sales, door prize drawing announcer, and more.

To contact me, simply email [secretary@ppraa.org](mailto:secretary@ppraa.org).

Thanks for your help and consideration!

73,  
Dan – PPRAA Megafest Chairman.

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## Field Day Antenna Building

This year PPRAA, Tri-Lakes, and possibly RACES will be participating in Field Day using mostly home-made antennas!

If you are interested in antenna building please feel free to head to the Monument Fire Station #1 located at 18650 Hwy 105, Monument (about a mile west of Safeway on Hwy 105) on the morning of Saturday, May 15<sup>th</sup>. This is the location we will be operating from for Field Day as well.

At this time the plan is to build:

- A Moxon beam based on the August 2009 QST article. We modified the plans to allow easy setup for different bands.
- A loop antenna or two for either 80-meters, 40-meters, or both.
- Other antennas for HF/VHF/UHF as well for personal and emergency communications.

Please check the PPRAA website for the most current information.

73,  
Dan – WØRO

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**This space needs filling**

**This space needs filling**

**Ø Beat is always in  
need of interesting  
articles and great  
pictures.**

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## MEMBERSHIP APPLICATION

All memberships are up for renewal at the end of the year. If you haven't renewed your membership yet, please use the form at the bottom of this page and fill out all the appropriate information so that the Membership Committee can update the records. Include your family so they can share the value and the fun. If you know someone interested in joining, make a copy for them or have them visit PPRAA on the web and download a copy of the PDF file at [www.ppraa.org](http://www.ppraa.org).

<b>Membership Application for the Pikes Peak Radio Amateur Association, Inc.</b> P.O. Box 16521, Colorado Springs, CO 80935-6521			
Date: _____	<input type="checkbox"/> New Member <input type="checkbox"/> Renewal	In which activities would you like to participate?	
Name: _____	Address: _____	Field Day	⇒ <input type="checkbox"/>
		Demonstrations	⇒ <input type="checkbox"/>
City: _____	State: _____	Nets or round tables	⇒ <input type="checkbox"/>
		Organize activities	⇒ <input type="checkbox"/>
Call: _____	Class: N T + G A E	Teach ham classes	⇒ <input type="checkbox"/>
Mbr of ARRL? <input type="checkbox"/> Yes <input type="checkbox"/> No	Email: _____	Full Member	\$15 ⇒ <input type="checkbox"/>
		Family Membership	\$18 ⇒ <input type="checkbox"/>
Additional Family Members to Join/Renew		Over 65	\$10 ⇒ <input type="checkbox"/>
		Over 65 Family	\$12 ⇒ <input type="checkbox"/>
Name: _____		Associate	\$12 ⇒ <input type="checkbox"/>
		Donation to Club: \$ _____	
Name: _____		Total Enclosed: \$ _____	
Name: _____			
Name: _____		<b><u>MAKE ALL CHECKS</u></b> <b><u>PAYABLE TO "PPRAA"</u></b>	
Name: _____			
<i>The Ø-Beat</i> monthly club newsletter is available at <a href="http://WWW.PPRAA.ORG">WWW.PPRAA.ORG</a> .			
Circle your interests ⇒ HF / V/UHF / FM / SSB / Digital / DX / Contests / Technical / Hardware / Other			
New and renewing members must submit a completed application form along with your check to the Treasurer.			
<b>Please Type or Print Clearly!</b>			

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**Pikes Peak Radio Amateur Association, Inc.**  
**P.O. Box 16521**  
**Colorado Springs, CO 80935-6521 USA**

**To:**